

From: [Mueller, Brian](#)
To: [Warren, Christy](#)
Cc: [Helmick, Walt](#); [Perez, Myra](#)
Subject: FW: Falcon Refinery RI/FS (TO088) - Technical Exchange Meeting Recap
Date: Tuesday, May 07, 2013 10:44:00 AM
Attachments: [PROJFY13 A 5 7 13 Falcon.xlsx](#)

Good morning Christy

I will be forwarding this email to the site for their concurrence on what was agreed to and will get the lab analytical requests to you as soon as I can. Can you please let me know if the Houston Lab/CLP can do the following items from below.

- Monitor Wells in AOC-3 – In addition to the previously planned analysis, two surface soil samples collected from monitor wells 15 and 16 in AOC-3 will be analyzed for tributyltin. EPA will follow-up with Christy Warren to ensure that they can perform this analysis. If not, EA will contract a private lab.
- Sediment samples collected from AOC-5 will be analyzed for Simultaneously Extracted Metals (SEM)/Acid Volatile Sulfide (AVS). EPA will follow-up with Christy Warren to ensure that they can perform this analysis. If not, EA will contract a private lab.
- Laboratory Coordination – EPA will communicate with Christy Warren to ensure that the laboratory has sufficient capacity to handle the Falcon samples. In addition, the operating hours for receipt of samples will be determined and communicated to EA.

Attached is my revised estimate of sample analysis required for the project less the SEM/AVS analysis. The final numbers of samples should be within 10% of this estimate. There may be a need to collect additional sample data after the start of the next fiscal year based on the results of this sampling event.

Thanks

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From: Owens, Robert [mailto:rowens@eaest.com]
Sent: Tuesday, May 07, 2013 8:18 AM
To: Milburn, Anna; Shewmake, Kenneth; McClurg, Rena; Mueller, Brian; Startz, Tim; McMillan, Teresa; Hinckley, Dan; Powell, Michael
Cc: Pheeny, Michael
Subject: Falcon Refinery RI/FS (TO088) - Technical Exchange Meeting Recap

This email provides a recap of the discussion points and decisions made during the 2 May 2013 technical exchange meeting on the Falcon Refinery RI/FS (TO088) project. The meeting was attended by Rena McClurg, Brian Mueller, Anna Milburn and Kenneth Shewmake of USEPA and Bob Owens, Teri McMillian and Tim Startz of EA. Mike Powell and Dan Hinckley of EA joined via teleconference. The following items were discussed:

- Property Access – Brian will research the current EPA access agreements for the main refinery site and barge dock to determine if they can be used for the RI field work. If so, he will provide copies of the access agreements to EA. If not, he will provide the point of contact for the property owner for EA to contact.
- Off Site Access – EA will take the lead on obtaining access to the other properties. These include the areas for background sampling, intercoastal channel, AOC-6 and AOC-7. EA will prepare a general access agreement and forward it to EPA for review and approval.
- Previous Data – EA will build a database of the previous PRP data so it can be incorporated into the Phase II data. EA will research the coordinates of the previous sampling locations. If actual coordinates cannot be located, EA will build the coordinates from the previous site



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figures. Kenneth provided a CD of PRP data which was thought to include the previous coordinates. A subsequent review of the CD files indicates that the coordinates are not included in the data.

- Initial Field Effort – The initial fieldwork will consist of completing the background sampling, installation of monitoring wells, and sampling at AOC-3, AOC-4, and AOC-5. The results of this sampling will help to refine sampling in the other areas. The data from the initial fieldwork will be presented in the Screening Level Ecological Risk Assessment (SLERA). The SLERA will provide a data gap evaluation and details on the required sampling needs in the other AOCs.
- Background Analyses - The background samples collected from wetlands areas and intercoastal channel will be analyzed for metals and PAHs. All other background samples will be analyzed for only metals.
- AOC-3 Sampling – EA followed the VSP approach that had been conducted by the PRP consultants for the random sampling in AOC-3. That approach was very conservative and EA suggested revising the VSP approach to use one standard deviation in defining the gray area. The revised approach was discussed and agreed upon. EA will rerun the VSP evaluation and revise the sampling in AOC-3. In addition, previously planned judgmental samples in AOC-3 have been eliminated.
- Monitor Wells in AOC-3 – In addition to the previously planned analysis, two surface soil samples collected from monitor wells 15 and 16 in AOC-3 will be analyzed for tributyltin. EPA will follow-up with Christy Warren to ensure that they can perform this analysis. If not, EA will contract a private lab.
- Sediment samples collected from AOC-5 will be analyzed for Simultaneously Extracted Metals (SEM)/Acid Volatile Sulfide (AVS). EPA will follow-up with Christy Warren to ensure that they can perform this analysis. If not, EA will contract a private lab.
- Analyte List – Analyses for pesticides, herbicides and PCBs are not needed and will be eliminated from the project.
- Laboratory Coordination – EPA will communicate with Christy Warren to ensure that the laboratory has sufficient capacity to handle the Falcon samples. In addition, the operating hours for receipt of samples will be determined and communicated to EA.
- EA will prepare a Field Change Form that details the changes in this sampling approach. EA will await approval from EPA before implementing these changes.
- EA will prepare addendums to the Field Sampling Plan and Quality Assurance Project Plan that details the changes being made.

Please review the recap of the meeting and let me know as soon as possible if anything is inconsistent with your understanding of the discussion points and decisions made during the meeting.

Thank you,

Bob Owens

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